

Converting Colors

HunterLab(31.0197, 16.8655,
-16.9663)

Have a look what the booklet for
HunterLab(31.0197, 16.8655,
-16.9663) contains.

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Color

**HunterLab(30.9903, 17.1520,
-17.0856)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4A7C
RGB	109, 74, 124
RGB Percent	43%, 29%, 49%
CMY	0.5725, 0.7098, 0.5137
CMYK	0.12, 0.40, 0.00, 0.51
HSL	282°, 25%, 39%
HSV	282°, 40%, 49%
XYZ	12.3935, 9.6040, 20.2693
YIQ	90.1650, 4.8100, 22.9700

Conversions

Conversions Part 2

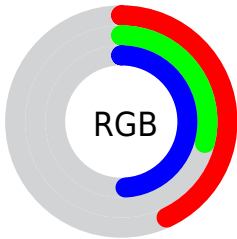
Format	Color
R _Y B	109, 74, 124
Decimal	7162492
CIE Lab	37.12, 24.57, -22.61
CIE LCh	37, 33.388, 317.383
Yxy	9.6044, 0.2932, 0.2272
Android (android.graphics.Color)	4285352572 (0xFF6D4A7C)
YUV	90.1650, 16.6807, 16.5183
Hunter-Lab	30.9903, 17.1520, -17.0856

Details

The HunterLab color $[30.9903, 17.1520, -17.0856]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[41.2720, -17.8880, 15.8110]$, and the grayscale version is $[31.9759, -1.7062, 1.7373]$.

A 20% lighter version of the original color is $[49.9172, 18.9094, -18.3153]$, and $[15.3212, 14.8134, -16.0596]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.0672, 22.0983, -22.5999]$, and if you desaturate by 10%, it is $[34.1577, 12.1949, -11.8380]$.

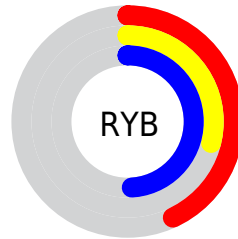
Distribution



Red (43%)

Green (29%)

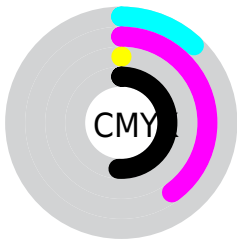
Blue (49%)



Red (43%)

Yellow (29%)

Blue (49%)

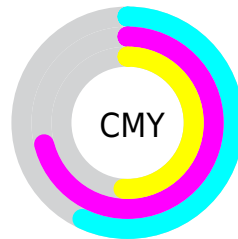


Cyan (12%)

Magenta (40%)

Yellow (0%)

Black (51%)



Cyan (57%)











Magenta (71%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.9903, 17.1520, -17.0856 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 30.9903, 17.1520, -17.0856 by changing the saturation by 10% instead.

 30.9903, 17.1520, -17.0856	 30.9903, 17.1520, -17.0856
137.0492, 21.5826, -19.1519	 22.6660, 16.1433, -16.5833
 50.0487, 18.7726, -17.9593	 15.2582, 14.9818, -16.1089
 60.6588, 19.4171, -18.3061	 8.8800, 13.7695, -15.9420
 71.9279, 19.9672, -18.5902	0.0000, INF, -NF
 83.8195, 20.4324, -18.8135	0.0000, NaN, -NF
 96.3027, 20.8205, -18.9785	0.0000, NaN, NaN
109.3505, 21.1381,	0.0000, NaN, NaN

-19.0881

0.0000, NaN, NaN

122.9396, 21.3905,
-19.1451

■ 30.9903, 17.1520,
-17.0856

■ 30.9903, 17.1520,
-17.0856

■ 28.0672, 22.0983,
-22.5999

■ 34.1577, 12.1949,
-11.8380

■ 25.4323, 26.9064,
-28.3128

■ 37.5298, 7.2952,
-6.8719

■ 23.1386, 31.3547,
-34.0551

■ 41.0767, 2.4797,
-2.1693

■ 21.2398, 35.1184,
-39.5273

■ 44.7743, -2.2453,
2.2994

■ 19.7789, 37.8121,
-44.3119

■ 48.6031, -6.8846,
6.5666

■ 18.6330, 39.7194,
-48.5001

■ 52.5476, -11.4475,
10.6636

■ 56.5954, -15.9449,
14.6178

■ 60.7360, -20.3878,
18.4534

■ 64.9610, -24.7862,
22.1905

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.9910, 5.5197, -27.2990



30.9903, 17.1520, -17.0856



30.9910, 24.1343, -3.4830

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.9910, 17.1513, -17.0847



30.9910, 3.5305, 16.3432



30.9910, -20.6921, -5.5872

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.9903, 17.1520, -17.0856



41.2720, -17.8880, 15.8110

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.9910, -21.0575, 6.0957



30.9903, 17.1520, -17.0856



30.9910, -8.2316, 16.1454

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.9910, 17.1513, -17.0847



30.9910, 15.5060, 13.8547



30.9910, -16.8295, 13.1456



30.9910, -15.7415, -19.1191

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.9903, 17.1520, -17.0856



30.9910, 24.6112, 4.3687



30.9910, -16.8295, 13.1456



30.9910, -21.3252, -1.2582

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.9910, 17.1513, -17.0847



53.5499, 4.5346, -4.0770



31.7116, 0.9896, -16.0946



25.7536, 2.5132, -2.2812



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.9910, 17.1513, -17.0847



37.6725, 28.5444, -29.0990



32.2458, 19.9528, -9.0526



20.0500, 0.9060, -0.7683



18.7832, 40.0427, -48.9154



40.4605, 86.7307, -109.0533

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.4711, 16.1894, 1.8694



38.5546, 26.9713, 2.9774



40.6343, -20.0115, 12.4494



20.0824, 0.7936, 0.9928



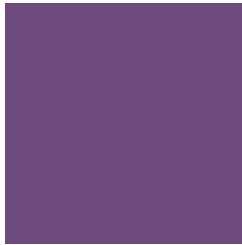
21.1963, 36.9440, 8.6996



46.1494, 80.1550, 21.1179

Previews

White Background



This preview shows how the HunterLab color 30.9903, 17.1520, -17.0856 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 30.9903, 17.1520, -17.0856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

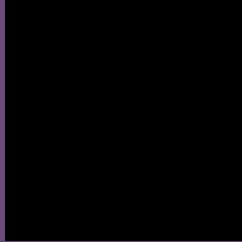
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 30.9903, 17.1520, -17.0856 Background



This preview shows how black text looks on a background with the HunterLab color 30.9903, 17.1520, -17.0856.



This preview shows how white text looks on a background with the HunterLab color 30.9903, 17.1520,

-17.0856.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.9903, 17.1520, -17.0856

Protanopia

31.1711, 4.0286, -23.6220

Deuteranopia

31.2378, 1.9134, -15.6649



Tritanopia

31.1163, 5.7095, 1.6817

Trichromacy



Original Color

30.9903, 17.1520, -17.0856

Protanomaly

30.9477, 8.0927, -21.2488

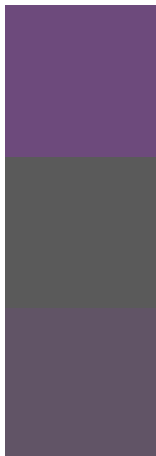
Deuteranomaly

30.8858, 7.3088, -16.8124

Tritanomaly

30.9770, 9.6879, -4.3076

Monochromacy



Original Color

30.9903, 17.1520, -17.0856

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

31.3709, 4.8364, -4.3423

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9903, 17.1520, -17.0856 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(109, 74, 124)` looks like.

```
.text, #text, p{  
    color:rgb(109, 74, 124)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(109, 74, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 74, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9903, 17.1520, -17.0856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 74, 124) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(109, 74, 124) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(109, 74, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 74, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 74, 124);  
box-shadow:4px 4px 4px 4px rgb(109, 74,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.9903, 17.1520, -17.0856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 74, 124) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(109, 74,  
124) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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